

Fig. 1

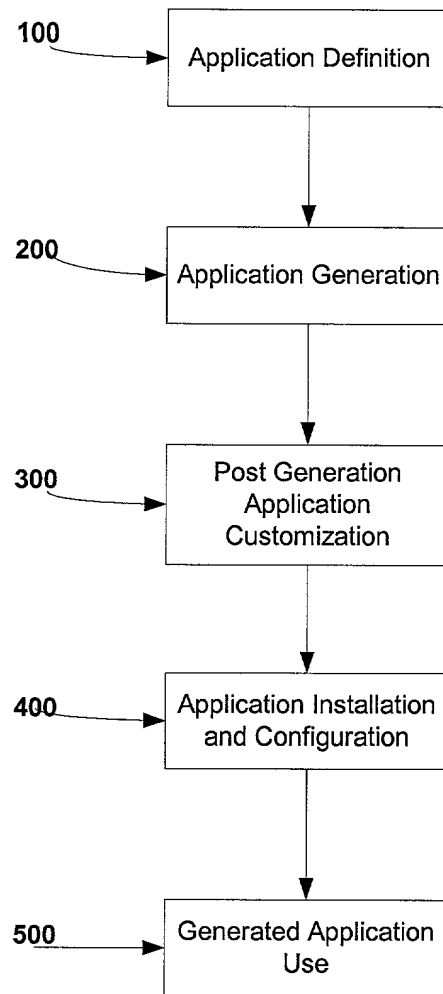
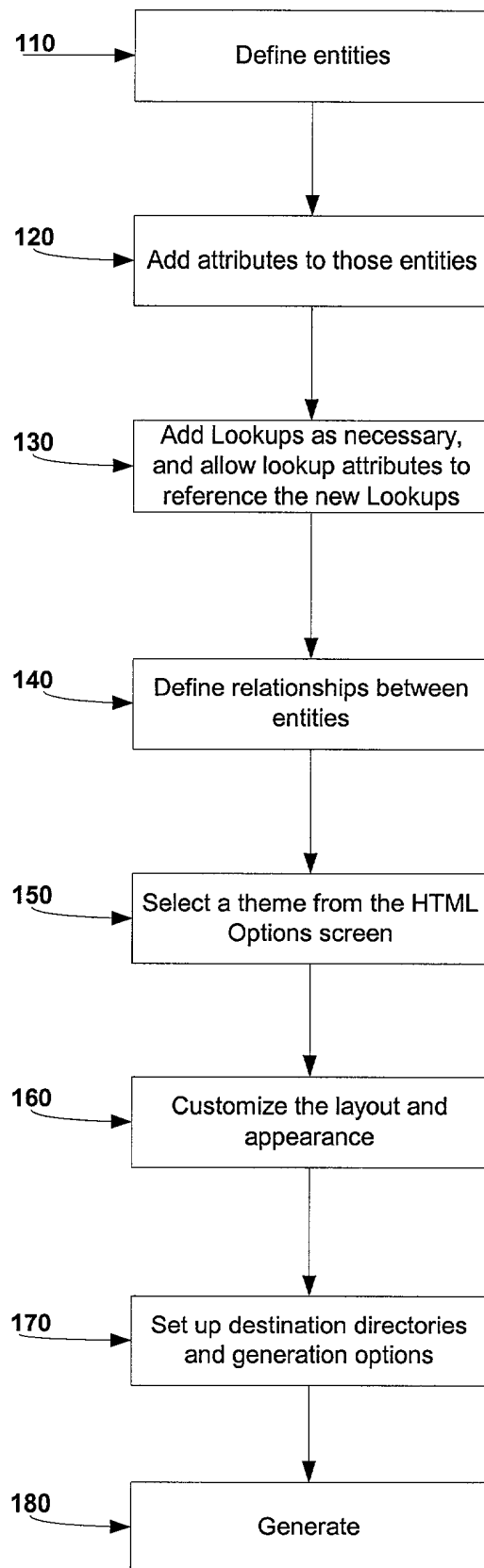


Fig. 2

Fig. 3



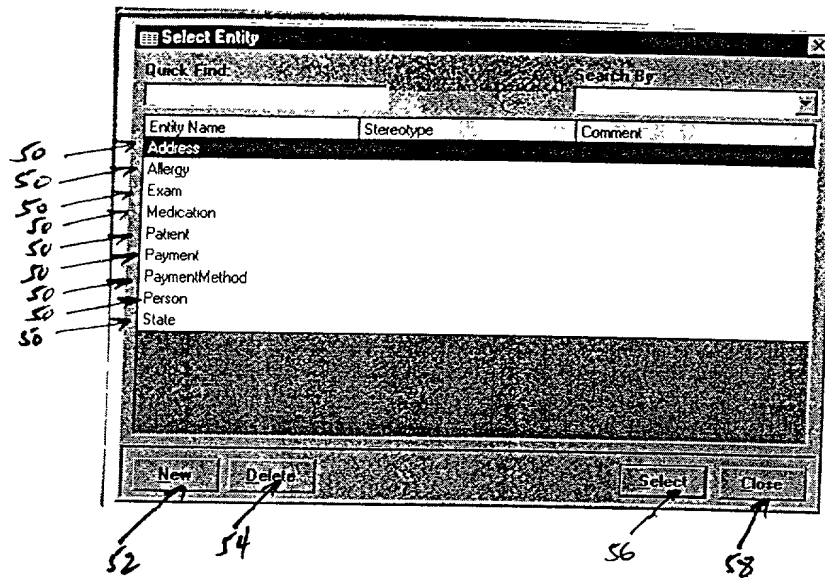


Fig. 4a

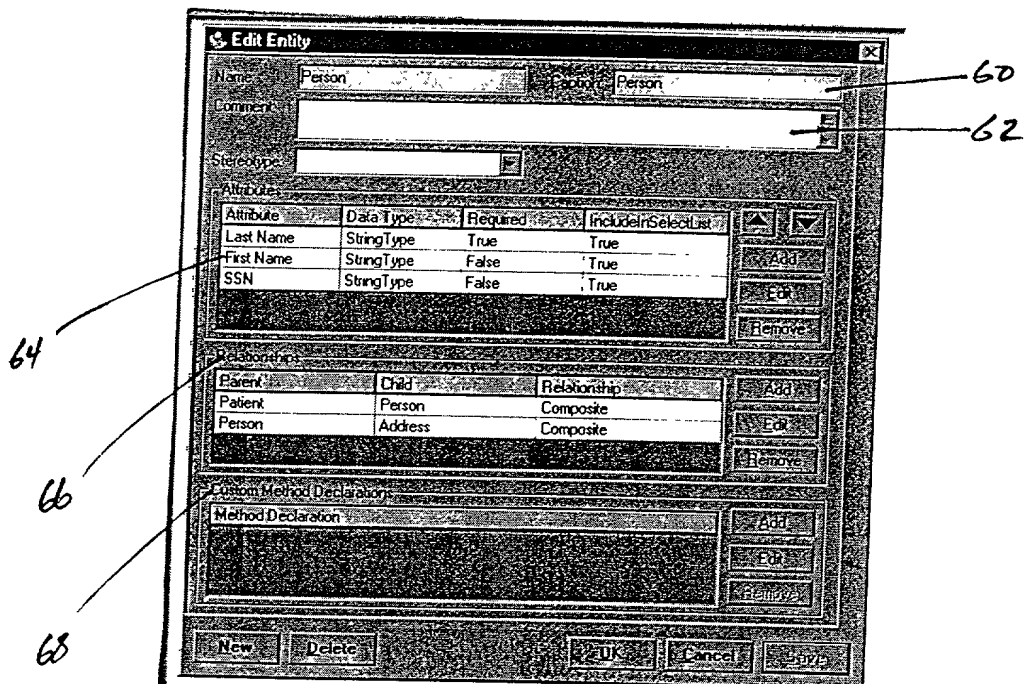


Fig. 4b

The image shows a screenshot of a software dialog box titled "Add Attribute". The dialog box is divided into several sections. On the left, under the "General" tab, there are input fields for "Name", "Caption", "Data Type", "Lookup Name", "Lookup Type", "Default Value", and "Comment". To the right of these fields are checkboxes for "Is Required?" and "Describes Entity?". Further right, under the "Database" section, there are checkboxes for "Is Required?" and "Is Unique?". Below the "Database" section is a "Select List Options" section with a checkbox for "Include in Select List?". At the bottom of the dialog box are buttons for "New", "OK", "Cancel", and "Save". Handwritten annotations with arrows point to various elements: "70" points to the "Name" field; "72" points to the "Caption" field; "74" points to the "Data Type" dropdown; "76" points to the "Lookup Name" dropdown; "78" points to the "Lookup Type" dropdown; "80" points to the "Default Value" field; "82" points to the "Comment" field; "84" points to the "Is Required?" checkbox; "86" points to the "Is Unique?" checkbox; and "90" points to the "Include in Select List?" checkbox.

70  
72  
74  
76  
78  
80  
82  
84  
86  
90

Fig. 5

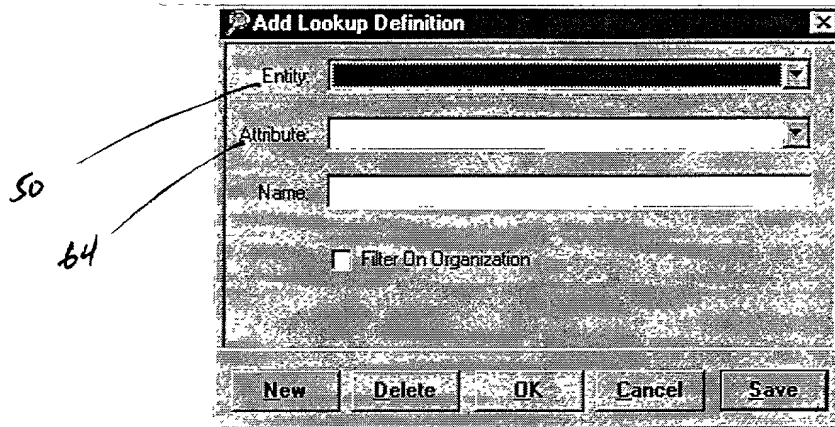


Fig. 6a

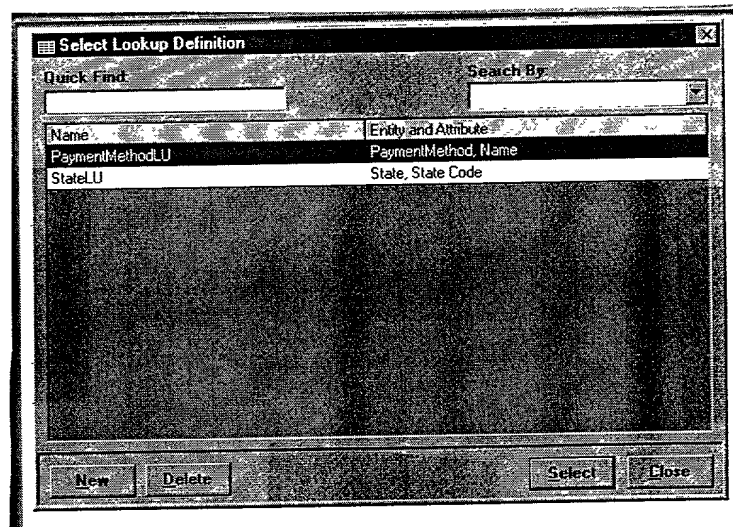


Fig. 6b

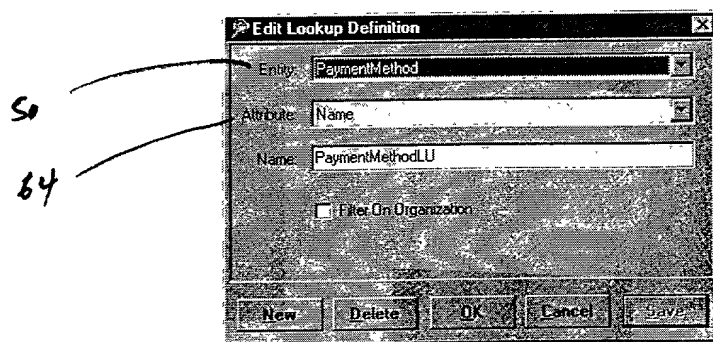


Fig. 6c

**Add Relationship**

Relationship Name:

Relationship Type:

Entity 1:

Entity 2:

Relationships Illustrated:

**Relationship Illustration**

More Info...

New OK Cancel Save

Fig. 7a

**\_Add Relationship** [X]

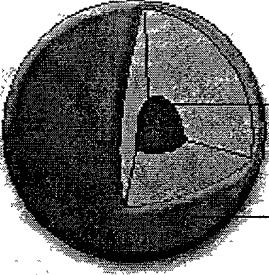
Relationship Name:

Relationship Type: **Composite** ▼

Outer Entity:  ▼

Relationships Illustrated:

**Composite Relationship**



Inner Entity

Outer Entity

102

104

Fig. 7b



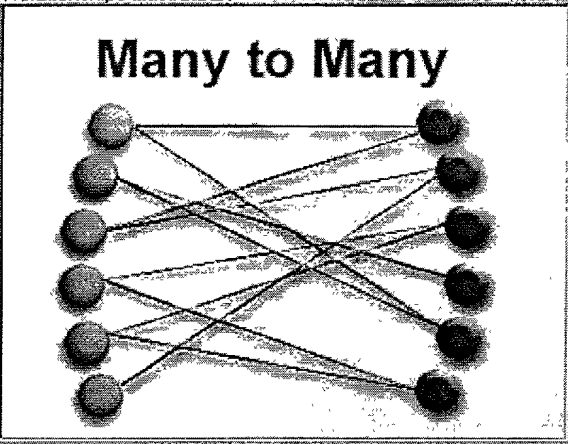
**Add Relationship**

Relationship Name:  Display Style:

Relationship Type: **Many to Many** First Entity:

Relationships Illustrated:

**Many to Many**



The diagram shows two vertical columns of six circular nodes each. Every node in the left column is connected to every node in the right column by a straight line, forming a complete bipartite graph that visually represents a 'Many to Many' relationship.

Second Entity:

Fig. 7c

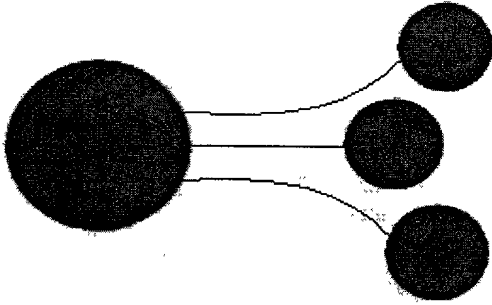
**\_Add Relationship** [X]

Relationship Name:  Display Style:

Relationship Type: **Parent / Child** Parent Entity:

Relationships Illustrated:

**Parent/Child Relationship**



Child Entity:

Fig. 7d

**\_ Edit Relationship**

Relationship Name:

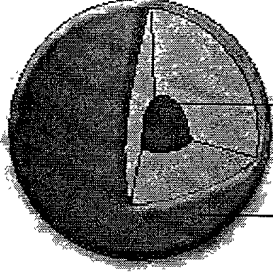
Relationship Type:

Outer Entity:

Inner Entity:

Relationships Illustrated:

**Composite Relationship**



Inner Entity

Outer Entity

102

104

Fig. 7e

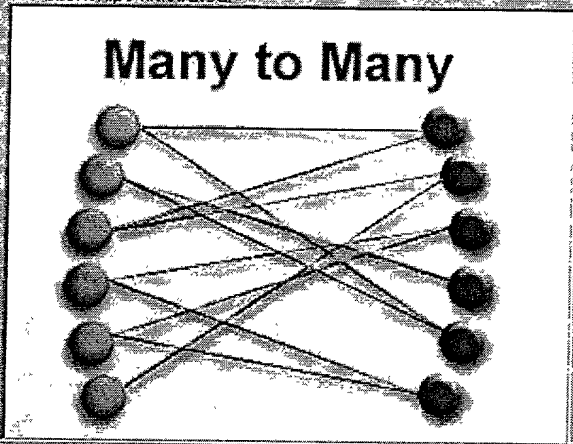
**\_ Edit Relationship**

Relationship Name:  Display Style:

Relationship Type:  First Entity:

Relationships Illustrated:

**Many to Many**



Second Entity:

Fig. 7f

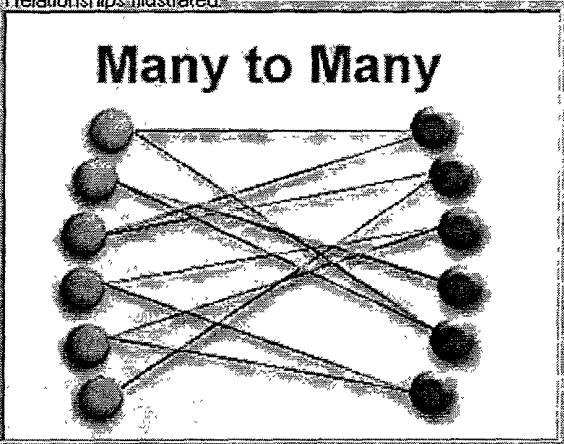
**Edit Relationship**

Relationship Name:  Display Style:

Relationship Type:  First Entity:

Relationships Illustrated:

**Many to Many**



Second Entity:

Fig. 7g

**\_ Edit Relationship**

Relationship Name:  Display Style:

Relationship Type:  Parent Entity:

Relationships Illustrated:

**Parent/Child Relationship**

```
graph LR; A(( )) --- B(( )); A --- C(( )); A --- D(( ))
```

Child Entity:

Fig. 7h

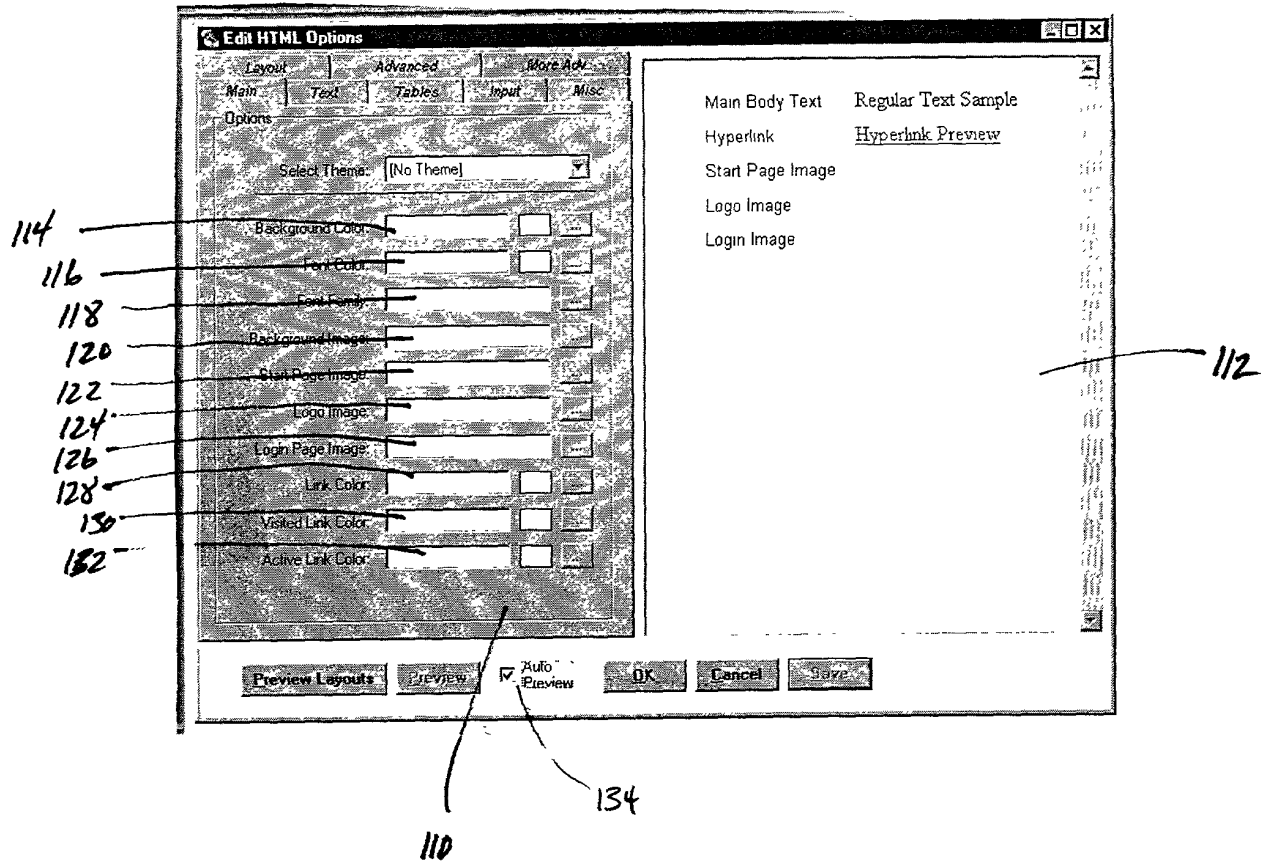


Fig. 8



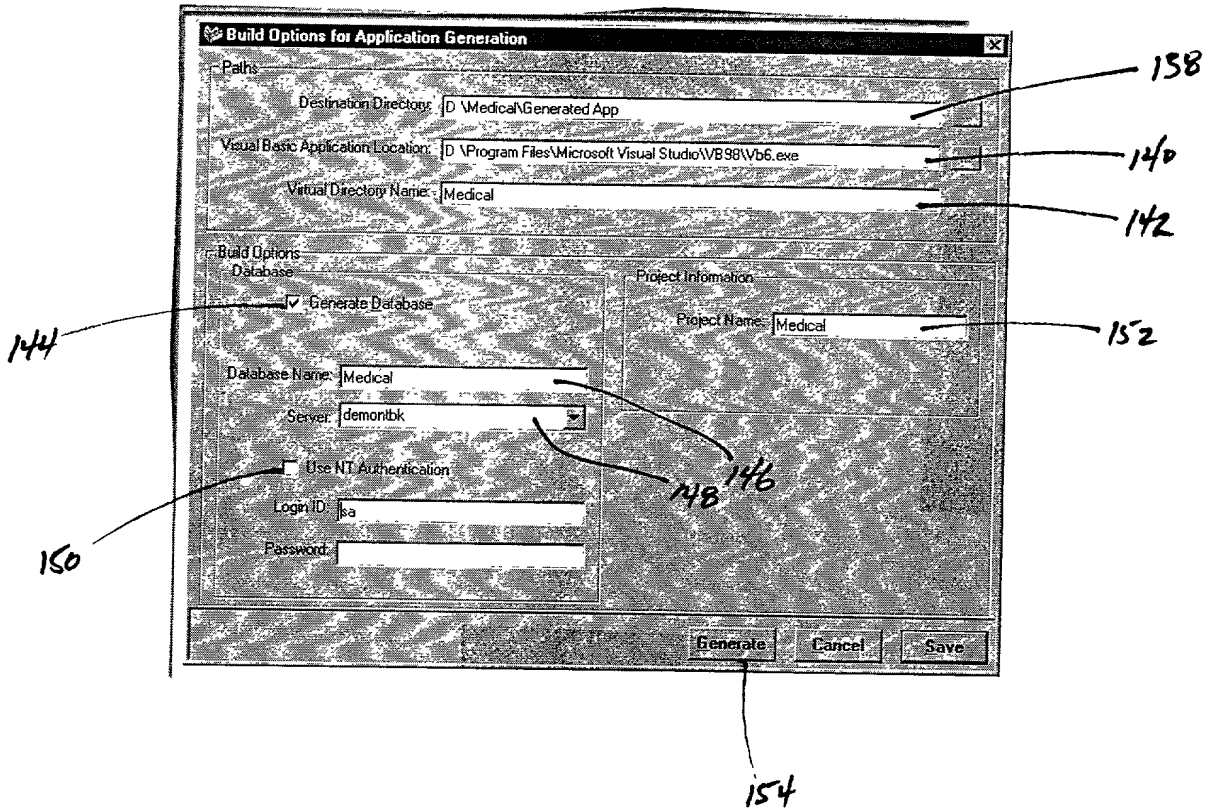
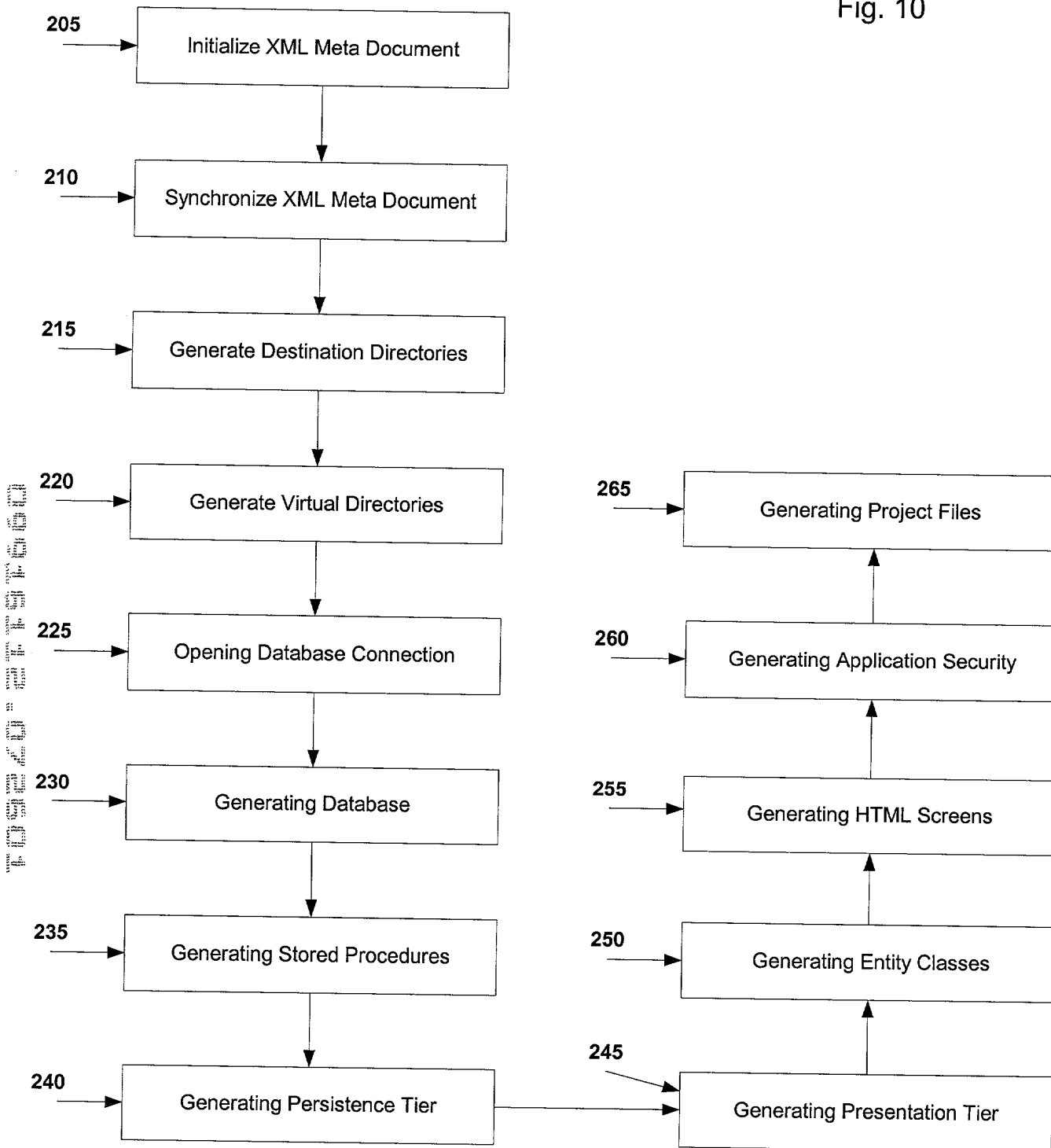


Fig. 9



Fig. 10



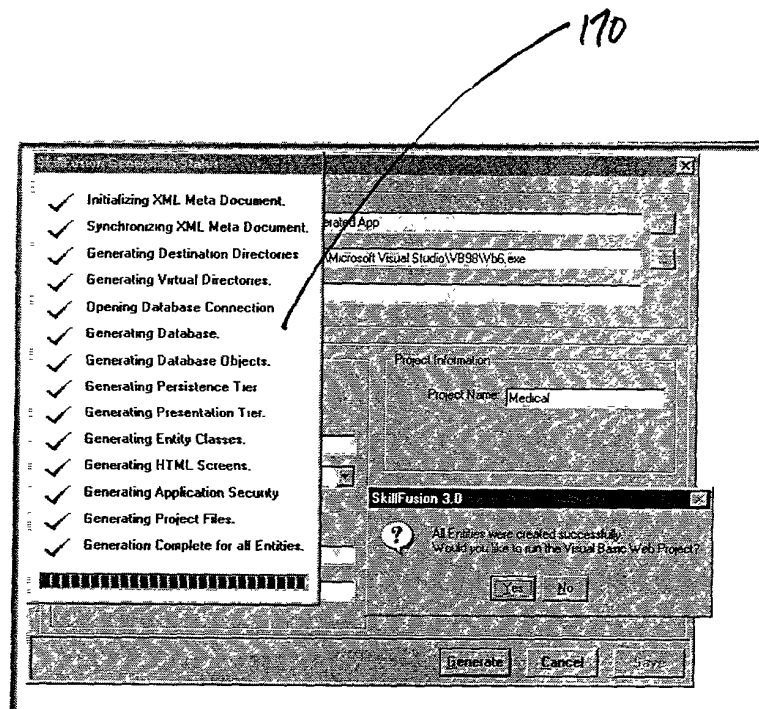


Fig. 11

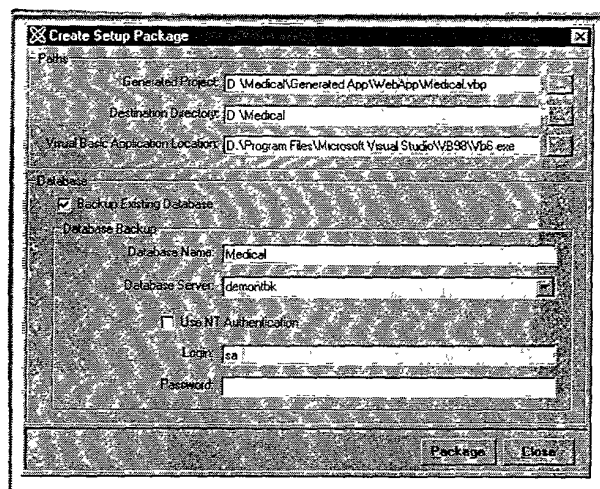


Fig. 13

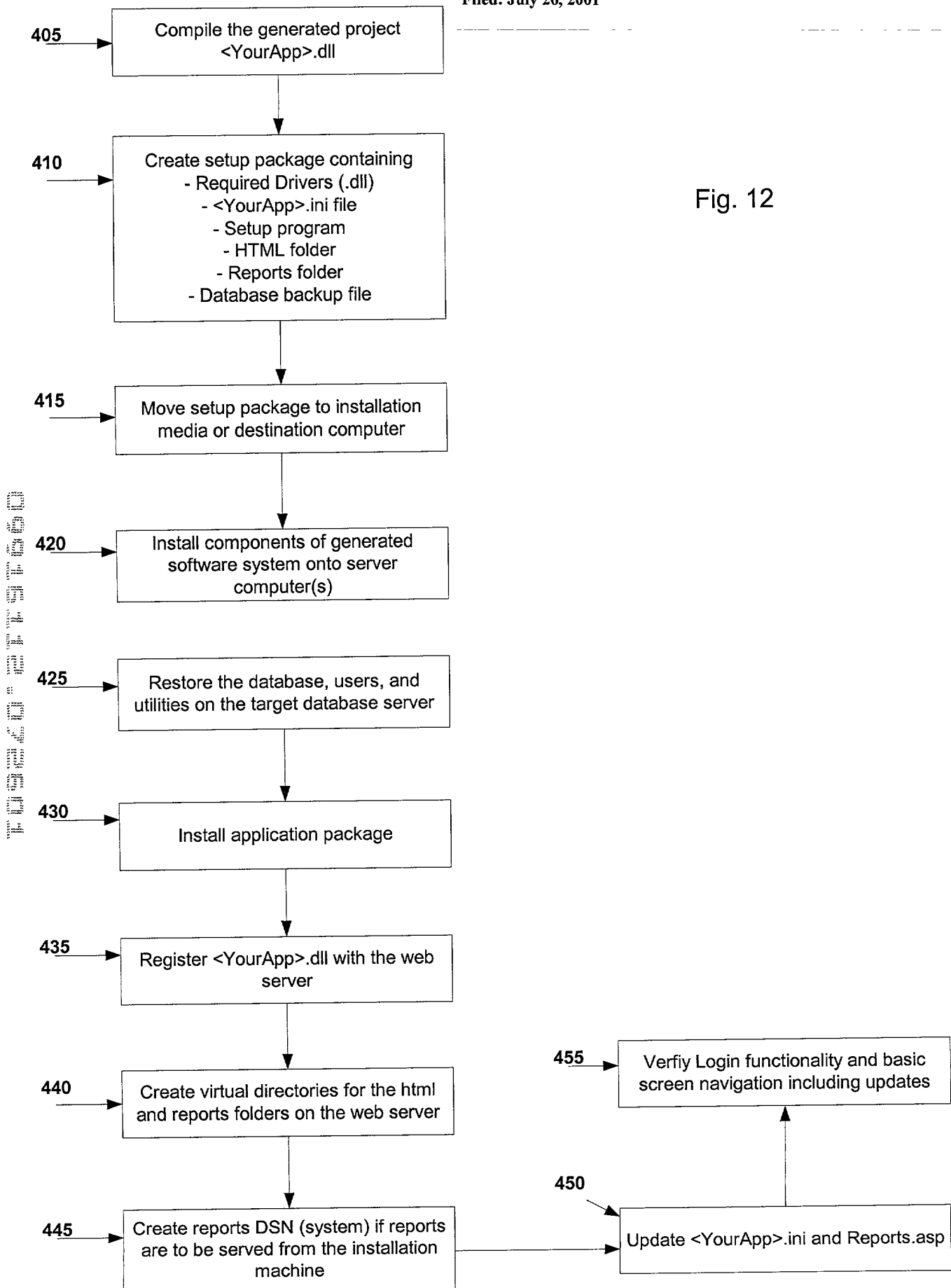


Fig. 12

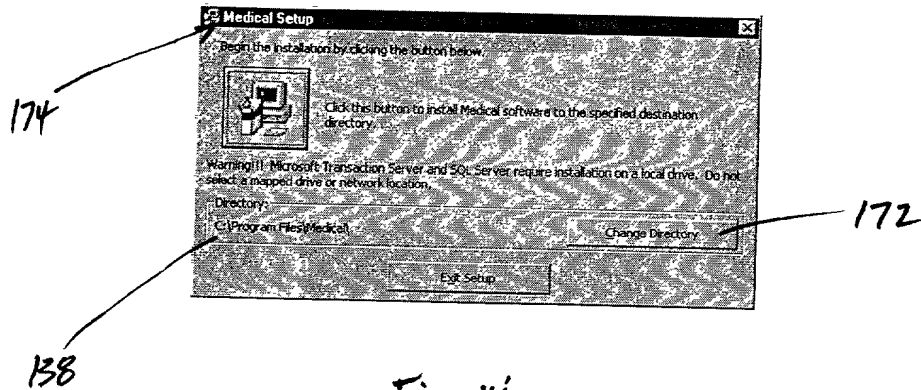


Fig. 14

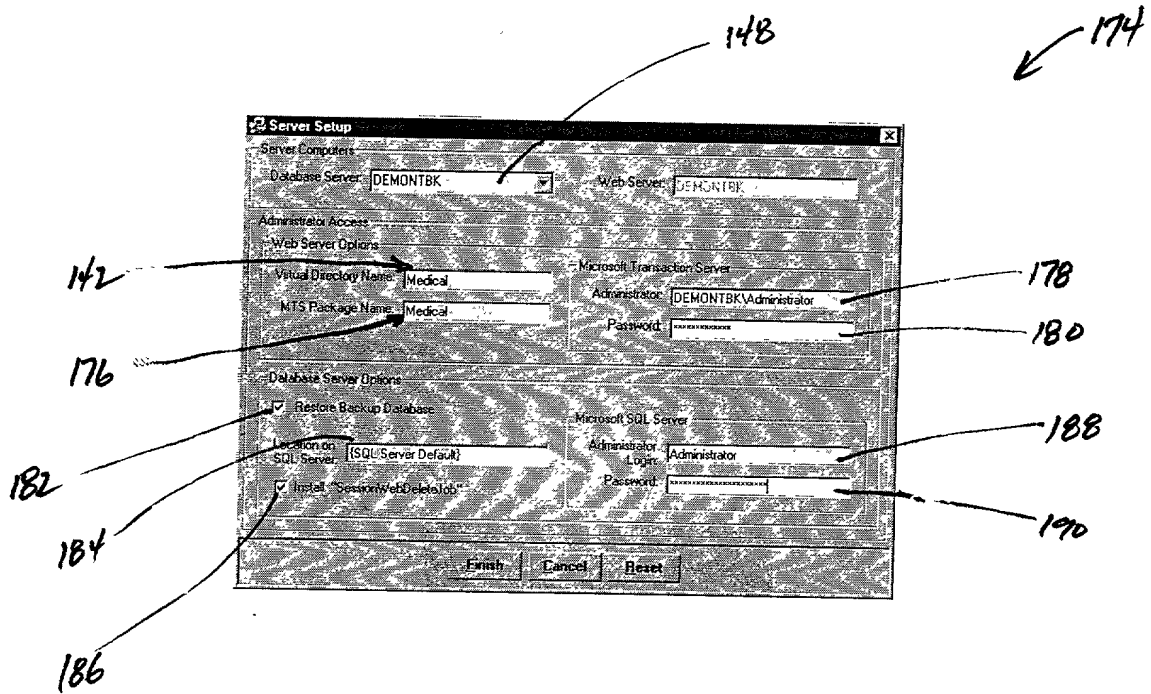


Fig. 15

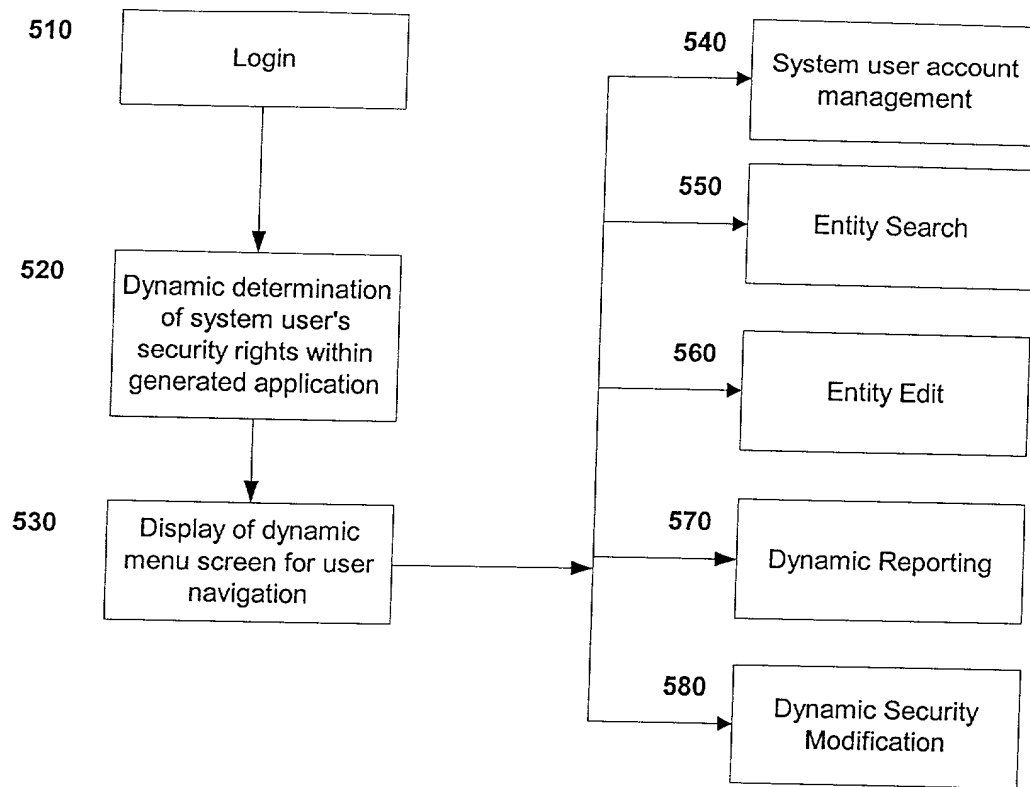


Fig. 16

User Profile - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Stop Refresh Home Search Favorites History Print Edit Discuss

Address http://demonitk/Medical/Medical.asp?AC5A83657E4D11D582A6000000000000

Medical • Start!

Help Logout

User Account

User Name: Admin

Full Name: Administrator

\* Current Password:

\* New Password:

\* Repeat New Password:

\* Email Address:

\* Forgotten Password Question:

\* Forgotten Password Answer:

Successful Saving will return you to the Login Screen.

\* Denotes required field.

Done Local Intranet

Fig. 17

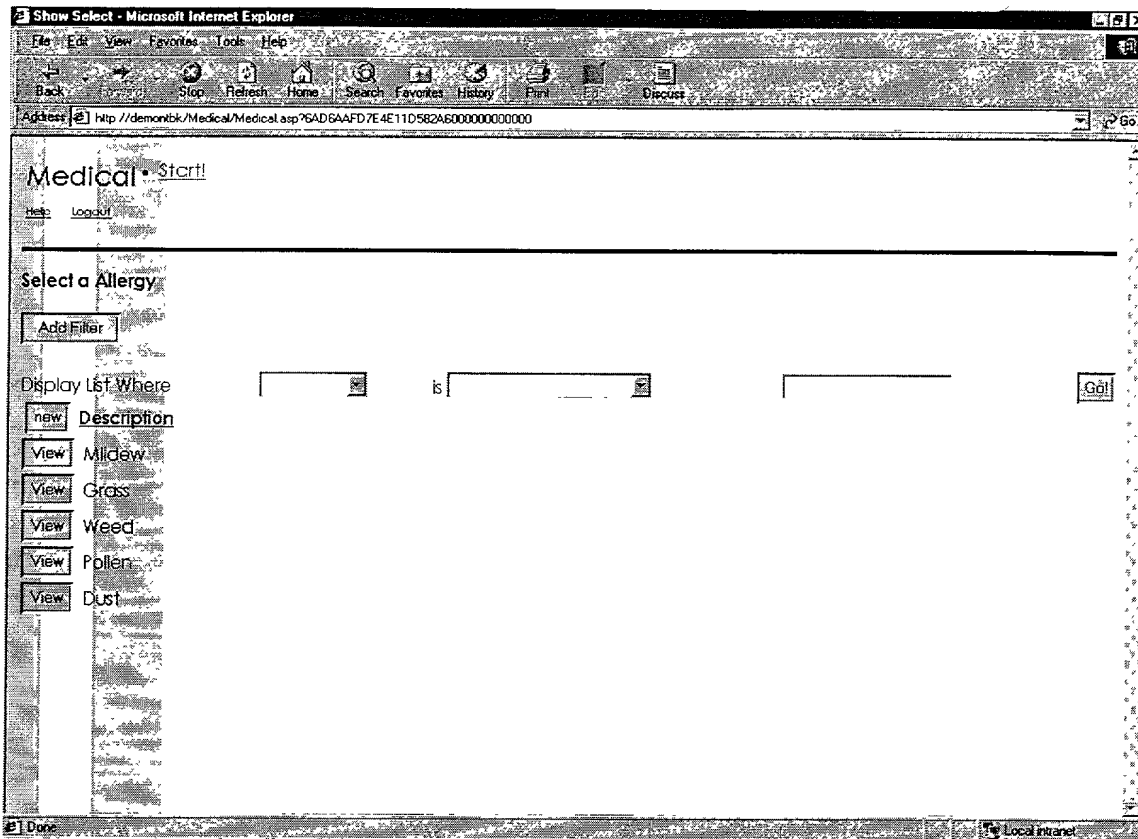


Fig. 18

Patient - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Stop Refresh Home Search Favorites History Print Discuss

Address: http://demonbk/Medical/Medical.asp?1234A9047E5111D582A6000000000000

Medical: Start! -> Patient: Smith

Help Logout

Update Cancel Delete

Update Patient: Smith

Medical Record Number: 2332420

Kin Last Name: Smith

First Name: Jane

Kin SSN: 222222222

Street: 1201 Peachtree Street

City: Atlanta

State: GA

Zip:

Last Name: Smith

First Name: Jane

SSN:

Street:

City:

Allergy

Medication

☒ Bayer

☐ Metamucil

☒ Prozac

☐ Bufferin

☐ Zanax

Exam

Your save was successful.

Done Local intranet

Fig. 19